

ÖSTERBERGS INDUSTRIHANDEL AB

**Inspection certificate 3.1**

BOX 5240  
 65005 KARLSTAD  
 Sweden

as per : EN 10204  
 No. : 2022-2041321693-20-2309776-014  
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|                          |   |    |                  |
|--------------------------|---|----|------------------|
| PO no.                   | 0000539571/662029   | of | 07.04.2022       |
| Order no.                | 1041089081  |    |                  |
| Delivery note/pos./split | 2041321693/000000/000020  | of | 07.04.2022       |
| Product                  | Tubular cored electrode   |    |                  |
| Trade name               | <b>FOXcore 309LMo-T0</b>  |    |                  |
| Standard designation     | EN ISO 17633-A: T 23 12 2 L R M21 (C1) 3<br>AWS A5.22: E309LMoT0-4/-1 |    |                  |
| Dimension                | 1,2 mm  |    | 261089           |
| Serial no.               | 2309776   |    | 57740            |
| Quantity                 | 60,0 KG   |    | 2SE9A01F<br>0015 |

**Chemical composition in % of the weld metal**

|      |     |     |       |       |      |      |      |      |  |  |  |  |  |  |
|------|-----|-----|-------|-------|------|------|------|------|--|--|--|--|--|--|
| C    | Si  | Mn  | P     | S     | Cr   | Mo   | Ni   | Cu   |  |  |  |  |  |  |
| 0,02 | 0,6 | 1,4 | 0,021 | 0,004 | 23,0 | 2,81 | 13,3 | 0,10 |  |  |  |  |  |  |

**Mechanical properties**

**EN 10204 - 2.2**

|                     |                         |                   |                         |                     |             |             |         |
|---------------------|-------------------------|-------------------|-------------------------|---------------------|-------------|-------------|---------|
| <b>Tensile test</b> |                         |                   |                         |                     |             |             |         |
| T                   | ReL / Rp 0,2<br>MPa     | Rp 1,0<br>MPa     | Rm<br>MPa               | A (Lo = 5d)<br>%    | Z<br>%      | WBH<br>PWHT | Remarks |
| 20°C                | ≥ 450                   |                   | ≥ 550                   | ≥ 25                |             |             |         |
| <b>Impact test</b>  |                         |                   |                         |                     |             |             |         |
| T                   | Impact energy<br>KV / J | Average<br>KV / J | Lateral expansion<br>mm | Shear fracture<br>% | WBH<br>PWHT | Remarks     |         |
| -60°C               | ≥ 32                    |                   |                         |                     |             |             |         |
| 20°C                | ≥ 47                    |                   |                         |                     |             |             |         |

Town  
Avesta

Date  
08.04.2022

This certificate was issued by DP-equipment and does not require signature.

Authorized representative  
Lars-Åke Bylund